US Army Corps
of Engineers®

Detroit District
P.O. Box 1027
Detroit, MI 48231-1027
(313) 226-6796
FAX - (313) 226-3519

Notice to Navigation Interests

Notice No. L01-53 | Date: 13 JULY 2001

Waterway: LAKE HURON | Location: MICHIGAN

CELRE-ET-OT-T

CONDITION OF FEDERAL NAVIGATION CHANNEL
HAMMOND BAY HARBOR

1. Condition surveys performed within the Federal navigation channel at Hammond Bay Harbor, Michigan during May 2001, indicate shoaling as shown on the back of this sheet.

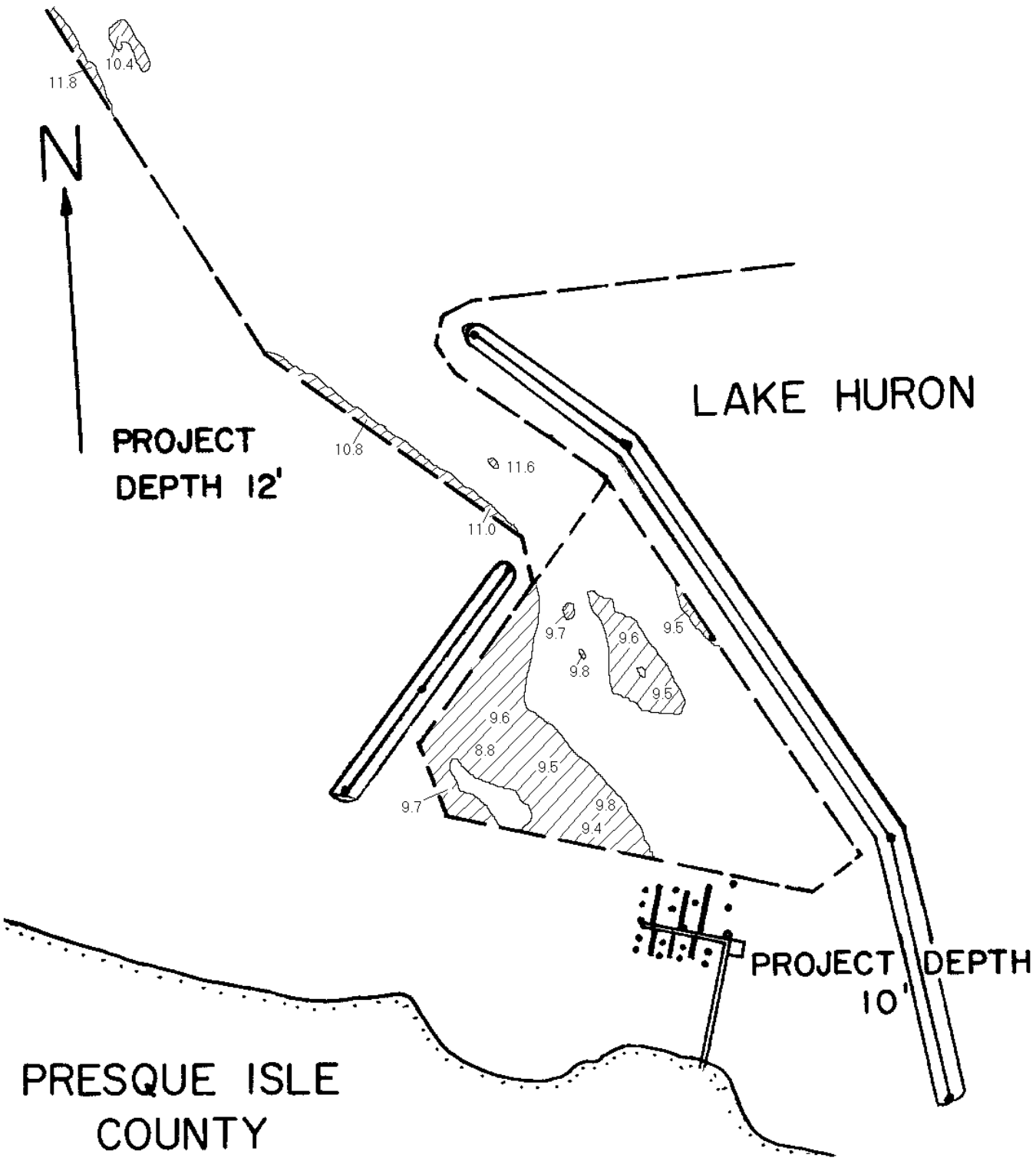
2. Vessel operators should use caution when navigating within this area.

3. All inquiries should be addressed to CELRE-ET-OT-T and should refer to Notice to Navigation Interests No. L01-53. Internet address: http://huron.lre.usace.army.mil/OandM/o&m.html

RICHARD J. POLO, JR.
Lieutenant Colonel, U.S. Army
District Engineer

Notice to the Postmaster:

It is requested that the above notice be conspicuously and continuously posted until November 30, 2001.



The information depicted on this map represents the results of surveys made on the dates indicated and can only be considered as inicating the general conditions existing at that time.
Surveys taken: MAY 2001

0hammond.bmp

Shoals indicate least available depth below IGLD.

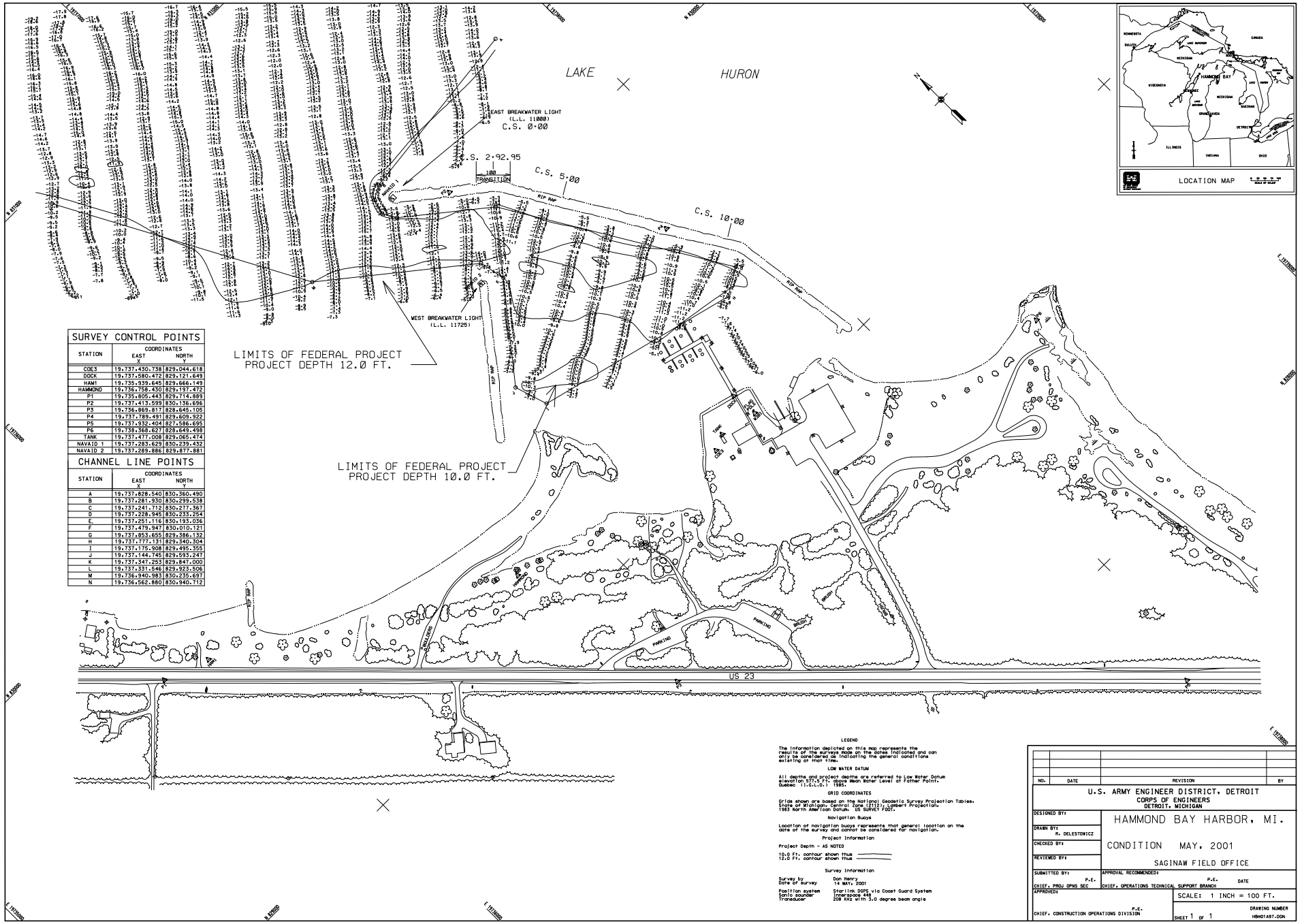
Soundings are in feet and are referred to Low Water Datum 577.5 ft. above Mean water level at Rimouski, Quebec, IGLD, 1985.

HAMMOND BAY HARBOR, MICHIGAN

CONDITION OF CHANNEL

ISSUED: 13 JULY 2001

U.S. Army Engineer District, Detroit



SURVEY CONTROL POINTS		
STATION	COORDINATES EAST X	NORTH Y
COE3	19,737,430.738	829,044.618
DOCK	19,737,580.472	829,121.649
HAM1	19,735,939.645	829,666.149
HAMMOND	19,736,758.430	829,197.472
P1	19,735,805.443	829,714.889
P2	19,737,413.599	830,136.696
P3	19,736,869.817	828,645.105
P4	19,737,789.491	829,609.922
P5	19,737,932.404	827,586.695
P6	19,738,368.627	828,649.498
TANK	19,737,477.008	829,065.474
NAVAID 1	19,737,283.629	830,239.432
NAVAID 2	19,737,289.886	829,877.881

CHANNEL LINE POINTS		
STATION	COORDINATES EAST X	NORTH Y
A	19,737,828.540	830,360.490
B	19,737,281.930	830,299.538
C	19,737,241.712	830,277.367
D	19,737,228.945	830,233.254
E	19,737,251.116	830,193.036
F	19,737,479.947	830,010.121
G	19,737,853.655	829,386.132
H	19,737,777.131	829,340.304
I	19,737,175.908	829,495.355
J	19,737,144.745	829,593.247
K	19,737,347.253	829,847.000
L	19,737,331.546	829,923.506
M	19,736,940.983	830,235.697
N	19,736,562.880	830,940.712

LEGEND

The information depicted on this map represents the results of the surveys made on the dates indicated and can only be considered as indicating the general conditions existing at that time.

LOW WATER DATUM

All depths and project depths are referred to Low Water Datum elevation 577.5 Ft. above Mean Water Level at Father Point, Quebec (1.G.L.D.) 1985.

GRID COORDINATES

Grids shown are based on the National Geodetic Survey Projection Tables, State of Michigan, Central Zone (2112), Lambert Projection, 1983 North American Datum. US SURVEY FOOT.

Navigation Buoys

Location of navigation buoys represents that general location on the date of the survey and cannot be considered for navigation.

Project Information

Project Depth = AS NOTED

10.0 Ft. contour shown thus ——————
12.0 Ft. contour shown thus ——————

Survey Information

Survey by	Don Henry
Date of survey	14 MAY, 2001
Position system	Starlink DGPS via Coast Guard System
Sonic sounder	Innerspace 448
Transducer	208 KHz with 3.0 degree beam angle

NO.	DATE	REVISION	BY

U.S. ARMY ENGINEER DISTRICT, DETROIT
CORPS OF ENGINEERS
DETROIT, MICHIGAN

HAMMOND BAY HARBOR, MI.

CONDITION MAY, 2001

SAGINAW FIELD OFFICE

DESIGNED BY:	
DRAWN BY:	R. DELESTOWICZ
CHECKED BY:	
REVIEWED BY:	
SUBMITTED BY:	P.E. CHIEF, PROJ OPNS SEC
APPROVED:	P.E. CHIEF, CONSTRUCTION OPERATIONS DIVISION
APPROVAL RECOMMENDED:	P.E. DATE CHIEF, OPERATIONS TECHNICAL SUPPORT BRANCH

SCALE: 1 INCH = 100 FT.

SHEET 1 OF 1

DRAWING NUMBER
HBMOTA97.DGN